

**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

1-14. (canceled)

15-16. (Canceled)

17. (Currently amended) Polyorganosiloxanes according to claim 27 15, whereat least one E substituent further comprises one or more Fpo-stabilizing functional group Fstab, which are identical to or different from one another, and capable of bonding via weak bonds with the Fpo functional group.

18. (Currently amended) Polyorganosiloxanes according to claim 27 15, wherein  $0.1 \leq \{Fpo\} \leq 0.6$ .

19. (Canceled)

20. (Canceled)

21. (Canceled)

22. (Canceled)

23. (Currently amended) Polyorganosiloxanes according to claim 27 15, wherein X is an elements from columns Ia and IIA of the Periodic Table.

24. (Currently amended) Polyorganosiloxanes according to claim 27 15, wherein Fstab generates weak bonds (hydrogen bonds) with Fpo functional groups, and is selected from the group consisting of:

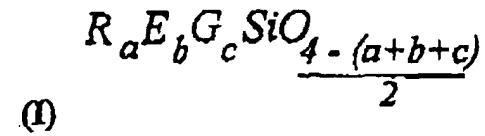
- functional units comprising nitrogen, oxygen, fluorine, sulfur or phosphorus,

- cationic units,
- chelating units comprising one or more ether or amine functional group,
- phosphonate chelating units, and
- sulfonate chelating units.

25. (Currently amended) Polyorganosiloxanes according to claim 27 15, wherein Fstab generates weak bonds (hydrogen bonds) with Fpo functional groups, and is selected from the group consisting of carboxylic units, carboxylate units, amide units, imide units, sulfonamide units, hydroxyl units, alkoxy units, amine units, organofluorinated units, and quaternary ammonium units.

26. (Canceled)

27. (Currently amended) Polyorganosiloxanes (POSSs) comprising siloxane units having the following formula (I):



wherein:

- a + b + c is from 0 to 3,
- a, b and c are from 0 to 3,
- R, which is identical or different, is a monovalent hydrocarbonaceous group,
- E, which is identical or different, is a monovalent functional substituent selected from the group consisting of (cyclo)aliphatic hydrocarbonaceous groups, aromatic

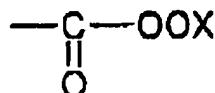
RN98173

Serial number 09/857,578

AMENDMENT AFTER FINAL

hydrocarbonaceous groups and heterocyclic hydrocarbonaceous groups, carrying

one or more peroxide (-O-O-) functional group Fpo of the following



formula, , wherein X is hydrogen, a halogen atom, or a cation

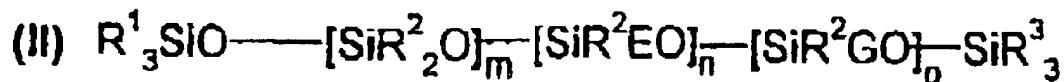
forming a salt with the acyl peroxide anions,

- G, which is identical or different, is a functional substituent comprising one or more Fpo-stabilizing functional group Fstab, which are identical to or different from one another, capable of bonding via weak bonds with the Fpo functional group.

- the concentration {Fpo} of Fpo functional groups, expressed by the ratio

$$\{Fpo\} = \frac{Fpo \text{ number}}{\text{Total number of silicon atoms in the POS}}, \text{ is greater than 0, and}$$

- the concentration {T and/or Q}, as mol%, of units selected from the group consisting of T units and Q units, is from 0 to 20, T units being defined as siloxane units wherein a+b+c=1, and Q units being defined as siloxane units wherein a+b+c=0, said polyorganosiloxanes having the following formula (II):



wherein

- R<sup>1</sup> and R<sup>3</sup>, which are identical or different, are hydrogen, a hydroxyl or a monovalent a hydrocarbonaceous group,

**RN98173**

**Serial number 09/857,578**

**AMENDMENT AFTER FINAL**

-  $R^2$ , which is identical or different, is hydrogen, hydroxyl, or a monovalent a hydrocarbonaceous group, and according to claim 26, wherein

- $3 \leq m + n + o \leq 50$ ,
- $1 \leq m \leq 100$ ,
- $1 \leq n \leq 10$ , and
- $1 \leq o \leq 10$ .

28. (Currently amended) Polyorganosiloxanes according to claim 27 26, wherein

- $5 \leq m + n + o \leq 20$ ,
- $1 \leq m \leq 10$ ,
- $2 \leq n \leq 4$ , and
- $2 \leq o \leq 4$ .

29. (Currently amended) Polyorganosiloxanes according to claim 27 26, wherein:

- $R^1$  and  $R^3$  are a C<sub>1</sub>-C<sub>3</sub> alkyl,
- $R^2$  is a C<sub>1</sub>-C<sub>3</sub> alkyl, and
- E carries Fpo and Fstab functional groups.

30. (Previously presented) Polyorganosiloxanes according to claim 29, wherein  $R^1$ ,  $R^2$  and  $R^3$  are methyl groups.

31. (Canceled)

32. (Canceled)

33. (Canceled)

34-40. (Canceled)